

### **REMARKS**

The Examiner is thanked for the thorough examination of the present application and the indication that claims 1-24 define allowable subject matter. Various claims have been objected to, however, for various informalities. Applicant has amended the claims (above) in accordance with the Examiner's suggestions.

For example, the terms "I/Q" in claims 1-24 have been expanded to "in-phase and quadrature" as suggested by Examiner. Claims 11, 13, and 23 have been corrected as suggested by Examiner. Claim 15 has been amended to depend from claim 14, as suggested by Examiner. Claims 6, 8, 18, and 20 have been amended by replacing " $W^{(4)}(f_T)$ " with "a value of  $W^{(4)}(f_T)$ " and by replacing " $W^{(5)}(f_T)$ " with "a value of  $W^{(5)}(f_T)$ ."

### **Conclusion**

For the reasons as described above, Applicant believes that claims 1-24 are allowable in their present forms.

Withdrawal of the rejections is respectfully requested. Applicant has made every effort to place the present application in condition for allowance. It is therefore earnestly requested that the present application, as a whole, receive favorable consideration and that all of the claims be allowed in their present form.

Should Examiner feel that further discussion of the application and the Amendment is conducive to prosecution and allowance thereof, please do not hesitate to contact the undersigned at the address and telephone listed below.

No fee is believed to be due in connection with this submission. If, however, any addition fee is believed to be due, you are hereby authorized to charge any such fee to deposit account No. 20-0778.

Respectfully submitted,

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